

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Demers et al.

Application No. 10/696,818

Group No.: 1723

Filed: October 30, 2003

Examiner: David L. Sorkin

For: TWO-STAGE MIXING SYSTEM, APPARATUS, AND METHOD

**Mail Stop Amendment**  
**Commissioner for Patents**  
**P.O. Box 1450**  
**Alexandria, VA 22313-1450**

## SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

*NOTE: "An information disclosure statement shall be considered by the Office if filed by the applicant:*

- (1) Within three months of the filing date of a national application;*
- (2) Within three months of the date of entry of the national stage as set forth in section 1.491 in an international application; or*
- (3) Before the mailing date of a first Office action on the merits, whichever event occurs last." 37 C.F.R. section 1.97(b).*

*NOTE: "Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section." 37 C.F.R. section 1.56(a).*

*"Individuals associated with the filing or prosecution of a patent application within the meaning of this section are:*

- (1) each inventor named in the application;*
- (2) each attorney or agent who prepares or prosecutes the application; and*
- (3) every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application." 37 C.F.R. section 1.56(c).*

*NOTE: The "duty as described in section 1.56 will be met so long as the information in question was cited by the Office or submitted to the Office in the manner prescribed by sections 1.97(b) - (d) and 1.98 before issuance of the patent." Notice of January 9, 1992, 1135 O.G. 13-25 at 17.*

*WARNING: "No information disclosure statement may be filed in a provisional application." 37 C.F.R. section 1.51(b).*

## List of Sections Forming Part of This Supplemental Information Disclosure Statement

The following sections are being submitted for this Supplemental Information Disclosure Statement:

*(check sections forming a part of this statement: discard unused sections and number pages consecutively)*

1. ☒ Preliminary Statements
2. ☒ Forms PTO/SB/08A and 08B (substitute for Form PTO-1449)
3. ☐ Statement as to Information Not Found in Patents or Publications
4. ☐ Identification of Prior Application in Which Listed Information Was Already Cited and for Which No Copies Are Submitted or Need Be Submitted
5. ☐ Cumulative Patents or Publications
6. ☒ Copies of Listed Information Items Accompanying This Statement
7. ☐ Concise Explanation of Non-English Language Listed Information Items
  - 7A. ☐ EPO Search Report
  - 7B. ☐ English Language Version of EPO Search Report
8. ☐ Translation(s) of Non-English Language Documents
9. ☒ Concise Explanation of English Language Listed Information Items (Optional)
10. ☒ Identification of Person(s) Making This Supplemental Information Disclosure Statement

*(complete the following, if appropriate)*

Sections \_\_\_\_\_, respectively, have been continued on ADDED PAGE(S).

*NOTE : "Once the minimum requirements are met, the examiner has an obligation to consider the information." Notice of April 20, 1992 (1138 O.G. 37-41, 37).*

## **Section 1. Preliminary Statements**

Applicants submit herewith patents, publications or other information, of which they are aware that they believe may be material to the examination of this application, and in respect of which, there may be a duty to disclose.

The filing of this supplemental information disclosure statement shall not be construed as a representation that a search has been made (37 C.F.R. section 1.97(g)), an admission that the information cited is, or is considered to be, material to patentability, or that no other material information exists.

The filing of this supplemental information disclosure statement shall not be construed as an admission against interest in any manner. Notice of January 9, 1992, 1135 O.G. 13-25, at 25.

**SECTION 2. FORMS PTO/SB/08A and 08B (formerly Form PTO-1449)****IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: Demers et al. Attorney Docket: 1062/D72  
Serial No: 10/696,818 Art Group Unit: 1723  
Date Filed: October 30, 2003 Examiner Name: David L. Sorkin  
Invention: TWO-STAGE MIXING SYSTEM, APPARATUS, AND METHOD

**LIST OF PATENTS AND PUBLICATIONS FOR  
APPLICANT'S SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

U.S. PATENT DOCUMENTS					
Examiner Initials	Reference Number	Document Number	Issue Date/ Publication Date	Inventor	Class/Subclass
	GS	4,798,580	Jan. 17, 1989	DeMeo et al.	604/60
	GT	5,267,956	Dec. 7, 1993	Beuchat	604/30
	GU	6,109,881	Aug. 29, 2000	Snodgrass et al.	417/53

U.S. PUBLISHED PATENT APPLICATIONS					
Examiner Initials	Reference Number	Document Number	Issue Date/ Publication Date	Inventor	Class/Subclass
	GV	2003/0229302	Dec. 11, 2003	Robinson et al.	604/4.01

Examiner Signature: \_\_\_\_\_

Date Considered: \_\_\_\_\_

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation *if not* in conformance and not considered. Include copy of this form with next communication to applicant.

## Section 6. Copies of Listed Information Items Accompanying This Statement

*NOTE: 37 C.F.R. section 1.98(a)(2) requires that any information disclosure statement filed under section 1.97 shall include: "A legible copy of: (i) Each U.S. and foreign patent; (ii) Each publication or that portion which caused it to be listed; and (iii) All other information or that portion which caused it to be listed, except that no copy of a U.S. patent application need be included . . ."*

*NOTE: The wording in section 1.98(a)(2)(iii) makes it clear that the requirement to submit a copy of each item of information listed in an information disclosure statement does not apply to the citation of a U.S. patent application. Notice of January 9, 1992, 1135 O.G. 13-25, at 14.*

Legible copies of all items listed in Forms PTO/SB/08A and 08B (substitute for Form PTO-1449) accompany this information statement.

*(complete the following, if applicable)*

☒ Exception(s) to above:

**U.S. patent citations are not included pursuant to the United State Patent and Trademarks Office's September 21, 2004 waiver of the copy requirement in 37 CFR 1.98 for cited pending U.S. patent citations when the patent citations are available in the USPTO's IFW system.**

☐ Items in prior application, from which an earlier filing date is claimed for this application, as identified in Section 4.

☐ Cumulative patents or publications identified in Section 5.

## Section 9. Concise Explanation of English Language Listed Information Items

*NOTE: "Applicants may, if they wish, provide a concise explanation of why English-language information is being submitted and how it is understood to be relevant. Concise explanations are helpful to the Office, particularly where documents are lengthy and complex and applicant is aware of a section that is highly relevant to patentability or where a large number of documents are submitted and applicant is aware that one or more are highly relevant to patentability." Notice of April 20, 1992 (1138 O.G. 37-47, 38).*

U.S. patent no. 4,798,580 (DeMeo) and U.S. patent no. 5,267,956 (Beuchat) were disclosed in Applicants' previous supplemental Information Disclosure Statement but were mistakenly identified as being from application no. 11/697,176 when in fact they are from related U.S. patent application no. 10/697,176. Both of these references relate generally to pump cassettes for use with a pump (e.g., a peristaltic pump). Applicants believe that the claims are allowable over both DeMeo and Beuchat because, among other things, neither DeMeo nor Beuchat appears to teach or otherwise suggest the claimed inventions, including the claimed methods for process control. Nevertheless, Applicants request that the Examiner perform an independent analysis of these references.

Disclosed herein are two newly cited references from related U.S. patent application no. 10/697,450, namely U.S. patent no. 6,109,881 (Snodgrass) and U.S. published patent application no. 2003/0229302 (Robinson). Snodgrass relates generally to gas-driven pumps. Robinson relates generally to pump cassettes for use with a pump (e.g., a peristaltic pump). Applicants believe that the claims are allowable over both Snodgrass and Robinson because, among other things, neither Snodgrass nor Robinson appears to teach or otherwise suggest the claimed inventions, including the claimed methods for process control. Nevertheless, Applicants request that the Examiner perform an independent analysis of these references.

**Section 10. Identification of Person(s) Making This Supplemental Information Disclosure Statement**

The person making this certification is

*(check each applicable item)*

- (a) ☐ the inventor(s) who signs below

\_\_\_\_\_  
**SIGNATURE OF INVENTOR**

\_\_\_\_\_  
*(type name of inventor who is signing)*

- (b) ☐ an individual associated with the filing and prosecution of this application (37 C.F.R. section 1.56(c))

\_\_\_\_\_  
**SIGNATURE OF INVENTOR**

\_\_\_\_\_  
*(type name of inventor who is signing)*

- (c) ☒ the practitioner who signs below on the basis of the information:

*(check each applicable item)*

☐ supplied by the inventor(s).

☐ supplied by an individual associated with the filing and prosecution of this application.  
(37 C.F.R. section 1.56(c)).

☒ in the practitioner's file.

\_\_\_\_\_  
**SIGNATURE OF PRACTITIONER**

\_\_\_\_\_  
**Jeffrey T. Klayman**  
*(type or print name of practitioner)*

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